

DENVA BEAUBRUN

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SUMMARY

Detail-oriented Computer Science student at Brooklyn College with professional experience spanning front-end engineering, UX design, and laboratory coordination. Proficient in Python, Java, JavaScript, HTML, CSS and C++, JSON. Proven ability to collaborate across technical and non-technical teams, communicate complex ideas clearly, and deliver polished work in fast-paced environments.

EDUCATION

B.S., Computer Science | Brooklyn College, CUNY Expected June 2027

- Relevant Coursework: Introduction to Programming Using Python, Data Structures, Development of Large-Scale Applications, Multimedia Computing, Programming Paradigms in C++

PROFESSIONAL EXPERIENCE

Biology Lab Assistant | Brooklyn College, CUNY Fall 2024 – May 2026

- Served as the primary liaison between 20+ students and supervising faculty, communicating clear procedural instructions, resolving questions, and escalating safety concerns.
- Proactively managed lab resources across multiple sections by coordinating restocking and adapting setup logistics on the fly, demonstrating initiative, reliability, and problem-solving skills

UI/UX & Web Development Intern | Commvault Jan 2025 – May 2025

- Evaluated the company website to identify areas for improving user experience and accessibility.
- Analyzed large volumes of data and recommended more effective content organization using charts, columns, and streamlined layouts.
- Presented recommendations to enhance webpage presentation, usability, and overall user engagement.
- Bridged the gap between technical UX analysis and non-technical business stakeholders

Front-End Development Intern | Barclays, Jan 2024 – May 2024

- Collaborated with a cross-functional engineering team to build an RWA (Risk-Weighted Assets) Calculator in React, TypeScript, and CSS within a live production codebase
- Integrated frontend components with backend REST APIs, implementing robust async data fetching and error handling that ensured a reliable user experience across financial risk workflows
- Actively participated in code reviews, pull requests, and agile team workflows via Git, demonstrating the ability to contribute meaningfully to a senior engineering team as an intern

TECHNICAL PROJECTS

Space Explorer — Progressive Web App <https://denvabeaubrun.github.io/cisc3610-portfolio/PWA-project>

- Designed and built an immersive space exploration app featuring an animated astronaut guide, Web Speech API narration for planet facts, and full offline capability via Service Workers with JSON — showcasing end-to-end product thinking from UX to technical implementation

Multimedia Dictionary <https://denvabeaubrun.github.io/cisc3610-portfolio/words-project/>

Developed an audio-driven vocabulary app using the Web Speech API, applying event-driven JavaScript and real-time DOM manipulation to create a smooth, accessible user experience

TECHNICAL SKILLS & COMPETENCIES

Languages: JavaScript, TypeScript, Java, Python, HTML, CSS | **Frontend:** React, responsive web design, CSS animations, accessibility (WCAG), UI component development | **Backend & APIs:** JSON, Node.js, Express.js, REST APIs, Django

Tools: Git/GitHub, Figma, VS Code, Adobe XD, Photoshop, Microsoft 365, SQL | **Professional:** Cross-functional collaboration, technical communication, stakeholder presentations, documentation, bilingual (English & French)